



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

October 27, 2016

Joanna Holcombe  
Regulatory Specialist for,  
Applied Biochemists  
(An Arch Chemicals, Inc. Business)  
1200 Bluegrass Lakes Parkway  
Alpharetta, GA 30004

Subject: Notification per PRN 98-10 – To revise optional marketing language  
Product Name: Algaetrine  
EPA Registration Number: 8959-5  
Application Date: October 4, 2016  
Decision Number: 522706

Dear Ms. Holcombe:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Antimicrobials Division (AD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If you have any questions, you may contact Karen M. Leavy at (703)-308-6237 or via email at [Leavy.Karen@epa.gov](mailto:Leavy.Karen@epa.gov).

Sincerely,

A handwritten signature in black ink that reads "Karen M. Leavy, Esq.". The signature is written in a cursive style with a large initial 'K' and a trailing flourish.

Eric Miederhoff  
Product Manager 31  
Regulatory Management Branch I  
Antimicrobials Division (7510P)  
Office of Pesticide Programs

Note to reviewer:  
[All text in brackets [AAA] is optional and may/may not be included on all end-use labels]  
{All text in braces {AAA} is for information purposes and will not appear on final label}

# ALGAETRINE®

## ACTIVE INGREDIENTS:

Copper Ethanolamine Complex, Mixed  
(Mono CAS # 14215-52-2 and Tri CAS # 82027-59-6)\* .....6.48%

OTHER INGREDIENTS: ..... 93.52%

TOTAL: ..... 100.00%

\*Metallic copper equivalent, 2.09%

This product contains 0.18 lbs. of elemental copper per gallon.

## NOTIFICATION

8959-5

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

10/27/2016

**KEEP OUT OF REACH OF CHILDREN**  
**[MANTÉNGASE FUERA DEL ALCANCE DE LOS NIÑOS]**  
**CAUTION [PRECAUCIÓN]**

Read all Precautionary [and First Aid] Statements on [back] [side] [right] [left] panel before use.

[Manufactured for] [Sold by]:  
Applied Biochemists, an Arch Chemicals, Inc. business  
1400 Bluegrass Lakes Parkway  
Alpharetta, GA 30004

EPA Reg. No. 8959-5  
[Superscript Used in Lot Number]  
EPA Est. No. xxxx-yy-zz

Net Contents:

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## **PRECAUTIONARY STATEMENTS**

### **HAZARDS TO HUMANS AND DOMESTIC ANIMALS:**

#### **CAUTION: Harmful if swallowed or absorbed through skin.**

- [•] Avoid contact with skin, eyes or clothing.
- [•] Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.
- [•] Remove and wash contaminated clothing before reuse.

### **FIRST AID**

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have the person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or a doctor. Do not give anything by mouth to an unconscious person.

**IF IN EYES:** Hold eyelids open and rinse slowly with water for 15 to 20 minutes. Remove contact lenses if present after 5 minutes then continue rinsing eye. Call poison control center or doctor for treatment advice.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

**IN CASE OF EMERGENCY CALL: 1-800-654-6911.**

*{First sentence of paragraph below for containers less than 5 gal. All others use full paragraph.}*

### **ENVIRONMENTAL HAZARDS:**

This product is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

### **STORAGE & DISPOSAL:**

*{Nonrefillable container - household/residential use}*

[Keep this product in its tightly closed container when not in use. Store in a cool, dry, well-ventilated area. Keep away from heat or open flame. Nonrefillable container. Do not reuse or refill this container. Rinse empty container thoroughly with water to dissolve all material prior to disposal. Offer for recycling if available or place in the trash. Do not contaminate food or feed by storage or disposal or cleaning of equipment.]

*{Nonrefillable container – single-use, non-resealable package}*

[Keep this product in its tightly closed container. Store in a cool, dry, well-ventilated area. Keep away from heat or open flame. Nonrefillable container. Do not reuse or refill this container. Rinse and discard empty container thoroughly with water to dissolve all material prior to disposal. Offer for recycling if available or place in the trash. Do not contaminate food or feed by storage or disposal or cleaning of equipment.]

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*{If the following Spanish statement is used, it must appear directly above DIRECTIONS FOR USE.} Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)*

#### **DIRECTIONS FOR USE:**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**READ ALL PRECAUTIONARY STATEMENTS BEFORE USE.**

#### **{Use 1} [SWIMMING POOLS]**

##### **{Mass Channel}**

**[WHY YOU SHOULD USE THIS PRODUCT:** [This is a long-lasting [, non-foaming] [algaecide] [product] that prevents and kills green and yellow algae.] With one treatment, this product will prevent algae growth in your swimming pool for up to three months.] [For best results, use with other [brand name] [pool care] products.]]

##### **{Dealer Channel}**

**[[WHY YOU SHOULD USE THIS PRODUCT:]** This [non-foaming] [long-lasting] [concentrated] algaecide prevents and kills green and yellow algae. [One treatment [of this economical formula] [of this patented formula] will prevent algae growth in your swimming pool for up to [three months] [90 days]. [Take a sample of pool water to your Authorized [brand] Dealer regularly for a detailed water analysis.]]

##### *{Optional statement for pool care program for [Brand A]}*

[For crystal clear pool water, follow the [Brand A] 4 step pool care program: Step 1: Test and adjust pool water balance, Step 2: Chlorinate and clarify, Step 3: Shock treat your pool at least once a week, and Step 4: Add algaecide regularly].

##### *{Optional statement for pool care program with the [Brand B]}*

[For crystal clear pool water, follow the [Brand B] 3-Step Program: Step 1: Test and balance pool water, Step 2: Sanitize, and Step 3: Shock at least once a week.]

##### *{Optional statement for pool care program for the [Brand C]}*

[Take a pool water sample to your authorized [Brand C] retailer for a detailed water analysis.]

[[Download the [FREE] [Test to Swim™] [application name] app from your smartphone] [for expert water analysis, product recommendations, and dosage instructions].]

[Visit a [Test to Swim™ Station] [device/station name], at participating retailers, for expert water analysis, product recommendations and dosage instructions. [To find a participating retailer near you, visit [www.hthpools.com/XXX](http://www.hthpools.com/XXX)].]

[Use a [Test to Swim™ Station] [device/station name] (at participating retailers) or download the Test to Swim™ [application name] app from your smartphone] [for expert water analysis, product recommendations, and dosage instructions].]

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**[HOW TO USE:] [METHOD OF APPLICATION:]**

**Always apply chemicals separately. Never combine them.** This is a concentrated product and it works best when added [in several places] directly to the [pool] water with the pump running. After addition of algaecide, keep the pump running for several hours and wait 15 minutes before entering pool. Pools with heavy growth of algae must be cleaned prior to using this product. Maintain pool water in the pH range 7.2 to 7.6. Adjust pH to 7.2 for severe algae.

**[[OPENING YOUR POOL]:] [and/or] [INITIAL DOSE:]** Use [a sequestering agent] {or} [name of a sequestering agent product] to prevent scale and stain formation. [Next, add 16 fl. oz. of [Algaetrine product name] per 10,000 gallons of pool water.]

**[MAINTENANCE DOSE:** Add 16 fl. oz. of [Algaetrine product name] per 10,000 gallons of pool water every three months to prevent algae growth.]

**[VISIBLE ALGAE:** If the pool has slight visible algae growth, use 16 fl. oz. of [Algaetrine product name] per 10,000 gallons of pool water.] [When pool is free of visible algae, use the "Maintenance Dose."]

**[SEVERE ALGAE:** Add 32 fl. oz. of [Algaetrine product name] per 10,000 gallons pool water. Once control is obtained, resume regular preventive maintenance with [this product] {or} [Algaetrine product name].]

**[CLOSING YOUR POOL] [WINTERIZING]:** When swimming season is over, add 16 fl. oz. of [Algaetrine product name] per 10,000 gallons pool water. [This dosage helps control algae growth during the winter months and aids the servicing of the pool before it is returned to use the following summer.] [Follow recommended [brand] pool closing procedure.]

**[SHOCK TREATMENT / SUPERCHLORINATION:**

As a preventative treatment, shock treat your pool once per week [with [brand] shock treatment]. In addition to weekly shock treatment, shock treat to remedy problems which may occur when bathing loads are high, water appears hazy or dull, unpleasant odors or eye irritation occur, after heavy wind and rainstorms, or if algae does develop with resulting green color and slimy feeling.]

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## **{Use 2} [SPAS & HOT TUBS]**

**[WHY YOU SHOULD USE THIS PRODUCT:** [This is long-lasting [, non-foaming] [algaecide] [product] that prevents and kills [green], and [yellow] algae.] With one treatment, this product will prevent algae growth in your spa for up to three months.] [For best results, use with other [brand name] [spa care] products.]

[This algaecide can be used in conjunction with chlorine or bromine sanitizer systems.]

### **[HOW TO USE:][METHOD OF APPLICATION:]**

**Always apply chemicals separately. Never combine them.** This product works best when added [in several places] by itself directly to spa or hot tub water with the pump running. After addition of algaecide, keep the pump running for at least 30 minutes and wait 15 minutes before entering the spa. Clean spas or hot tubs with heavy growth of algae prior to using this product.

Before adding this product, add [a sequestering agent] {or} [name of a sequestering agent product] to prevent scale and stain formation. Maintain spa water in the pH range 7.2 to 7.6. Add 0.8 fl. oz. [(1 1/2 tablespoons (Tbsp))] per 500 gallons water upon filling of spa or hot tub. For visible algae growth or slimy interior, treat with 1.6 fl. oz. [(3 Tbsp)] per 500 gallons. Remove algae debris. For maximum effectiveness, spas containing heavy algae growth must be drained and cleaned prior to treatment. Drain and clean spa or hot tub at least once a month or as needed depending on bather load.]

[[Download the [FREE] [Test to Swim™] [application name] app from your smartphone] [for expert water analysis, product recommendations, and dosage instructions].]

[Visit a [Test to Swim™ Station] [device/station name], at participating retailers, for expert water analysis, product recommendations and dosage instructions. [To find a participating retailer near you, visit [www.hthpools.com/XXX](http://www.hthpools.com/XXX)].]

[Use a [Test to Swim™ Station] [device/station name] (at participating retailers) or download the Test to Swim™ [application name] app from your smartphone] [for expert water analysis, product recommendations, and dosage instructions].]

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{Optional marketing claims}

**{General}**

[ALGAECIDE FOR SWIMMING POOLS]

[Pour] [Add] directly in [to] pool water]

[Mineral Algae Treatment]

[Concentrated all-purpose algaecide]

[Swim immediately]

[This product economically kills algae and prevents regrowth without requiring pool closing]

[Compatible with most sanitizers [including bromine, chlorine, salt water, ozone and minerals]]

[Treats up to 90 days]

[Single treatment lasts 3 months]

[Long-lasting algae control]

[Prevents algae [growth] for up to 3 months]

[Prevents algae [growth] for up to 90 days]

**{Algae Treatment – Green}**

[Ideal for treating green algae]

[Protects against algae growth]

[Prevent[s] algae growth [before it starts]]

[[Kills] [and][&] [Prevents] [and] [&] [Destroys] [Controls] [and] [&] [all types of] algae]

[[Kills] [and][&] [Prevents] [and] [&] [Destroys] [Controls] [and] [&] [all types of] green algae]

[Eliminate[s] [all types of] algae]

[Effective green algae [control] [prevention]]

[Prevent[s] algae growth before it starts]

[Algae [destroying][killing][fighting]]

[[Treats] [Controls] algae growth]

[Prevents green algae]

[Treats algae growth]

[Controls algae growth]

[Kills algae and prevents re-growth of algae]

**{Algae Treatment – Multi}**

[Kills [[and][&]] controls green [, mustard] [, yellow] [, [and][&]] other [swimming pool] algae]

[Kills [[and][&]] prevents green [, mustard] [, yellow] [, [and][&]] other [swimming pool] algae]

[Prevents green [, blue-green] [, mustard] [, yellow] [, and other] [swimming pool] algae]

[Controls growth of green [, blue-green] [, mustard] [, yellow] [, [and][&]] other [swimming pool] algae]

[Treats green [, blue-green] [, mustard] [, yellow] [, [and][&]] other [swimming pool] algae]

[Protects against green [, blue-green] [, mustard] [, yellow] [, [and][&]] other [swimming pool] algae]

[Kills [and][&]] controls green [, mustard] [, yellow] [swimming pool] algae]

[Prevents green [, mustard] [, [and][&]] [, yellow] [swimming pool] algae]

[Controls growth of green [, mustard] [, [and][&]] [, yellow] [swimming pool] algae]

[Treats green [, mustard] [, [and][&]] [, yellow] [swimming pool] algae]

[Protects against green [, mustard] [, [and][&]] [, yellow] [swimming pool] algae]

[Stops green [and][&]] [, mustard] [, yellow] [swimming pool] algae]

[Ideal for treating green [and][&]] [mustard] [yellow] algae]

[Ideal for treating green, [and][&]] [mustard] [yellow] algae]

[Effective treatment against green, [and][&]] [mustard] [yellow] algae]

[Kills green [and][&]] mustard algae]

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**{Multi-Benefit}**

[7-in-1 [Action] [Algaecide]]

[6-in-1 [Action] [Algaecide]]

[5-in-1 [Action] [Algaecide]]

[4-in-1 [Action] [Algaecide]]

[3-in-1 [Action] [Algaecide]]

[2-in-1 [Action] [Algaecide]]

[Multi-action algaecide]

**{Ease of Use}**

[Easy[-]to[-]use]

[Easy, economical, convenient to use]

[Reduced maintenance formulation]

[Convenient]

[Economical]

**{Foam}**

[Non-foaming [formula] [algaecide]]

[Non-foaming]

[No foam]

**{Non-Staining}**

[Triple chelated copper formula helps prevent staining]

[Non-staining formula]

**{Pool Type}**

[[Best used with] [Ideal for] [For] pop-up pools]

[[For use][Ideal] [with] [for] all pool [surfaces][types]]

[Ideal for [vinyl-lined pools] {or} [pools with vinyl liners] when used as directed]

[[For use] [Ideal] [with] [for] all pool types [including vinyl-liner pools]]

[Ideal for [in ground] [and][&] [above ground] [pools] [with a skimmer]]

[Good for all pool surfaces]

[Special pop-up pool size]

[Effective in vinyl and plaster pools]

[For use in vinyl and plaster pools]

**{Spa Type}**

[Ideal for spa use]

[Good for all [spa] surfaces]

**{Winterizing}**

[Effective winterizer]

[Ideal for winterizing]

**{Marketing Language}**

[[Here to Help] [since 1928]]

[Pool [Care] Experts since 1928]

[Special formula]

[Bonus Pack]

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[Value Pack]  
[Concentrated Formula]  
[Innovative, exclusive technology]  
[Exclusive technology]  
[Innovative technology]  
[Patent No. 4,324,578]  
[Patented formula]

**{Pack Description}**

[[Receive] [Get] X bonus bottle[s]] {where "X" represents a number}  
[[Bonus] [Free] bottle [of X] inside] {where "X" represents a product name}

**{Compatibility with salt pools}**

[Compatible with salt [water] [systems] [pools]]  
[Salt [water] [system] [pool] compatible]  
[Compatible with Salt Chlorine Generators]

**{Spas and Hot Tubs}**

[Kills and controls green [and][&]] [mustard] [yellow] [spa] algae  
[Prevents green [and][&]] [mustard] [yellow] [spa] algae  
[Controls growth of green [and][&]] [mustard][yellow] [spa] algae  
[Treats green [and][&]] [mustard] [yellow] [spa] algae  
[Protects against green [and][&]] [mustard] [yellow] [spa] algae  
[Rids spa of unsightly algae [spots]]

**{Steps}**

[For best results, follow the [brand] 3-Step Program:]  
[For best results, follow the [brand] 4 step pool care program.]  
[Step] [1] [Balance]  
[Step] [2] [Sanitize]  
[Step] [3] [Shock] [Weekly]  
[Step] [4] [Prevent Algae]

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{Graphic renderings of the 4 steps:}



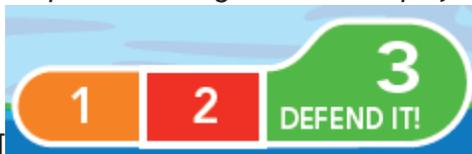
[  
{graphic list}  
]

[Step 1 [-] Balance  
Step [2] – Sanitize  
Step [3] – Shock  
Step [4] – Prevent Algae]  
[Algaecide]  
[Step 4 Algaecide]  
[Step 4 Algae Preventer]

[[Brand] 3-Step System]  
[Step] [1] [Balance]  
[Step] [2] [Sanitize]  
[Step] [3] [Shock] [Weekly]  
[Prevent]  
[Enhance]

[[Brand or poolife®] 3-Step System:  
[Step] 1 [Sanitize It!]  
[Step] 2 [Shock It!]  
[Step] 3 [Defend It!]

{Graphic renderings of the 3 steps:}



] {for algae treatment directions}

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{Alternative three step program marketing statements available to all labels. Steps 1, 2, and 3 will only be available to their respective product type/ approved use. We have included all statements here for clarity purposes.}

[STEP 1] [SANITIZE]

[SANITIZERS] [The key to maintaining a crystal clear pool is a steady routine of sanitization. [Brand name] sanitizers are designed to kill bacteria, algae and other living organisms. [Brand Name] Sanitizers have built-in protection from the sun to maximize chlorine life.]

[The key to maintaining a crystal clear pool is a steady routine of sanitization. [Brand name] sanitizers are designed to kill bacteria and algae. [Brand Name] Sanitizers have built-in protection from the sun to maximize chlorine life.]

[STEP 2] [SHOCK-OXIDIZE]

[Shock Oxidizer]

[Weekly shock-oxidizing your pool eliminates odors, restores water clarity and reduces the demand on the sanitizer.]

[STEP 3] [ALGAE PREVENTION]

[ALGAECIDES]

[Algaecides add an extra layer of pool protection, while creating a more pleasant swimming environment. [Brand Name] algaecides safeguard your pool, preventing all types of algae.]

[Algaecides add an extra layer of pool protection, while creating a more pleasant swimming environment. [Brand Name] algaecides safeguard your pool, killing and preventing algae.]

[BALANCE][BALANCERS] [Properly balanced water prevents corrosion and staining. It will also optimize the performance of your sanitizer. Using [Brand Name] balancers, as needed, simplifies the balancing act to help achieve properly balanced water.]

[SUPPLEMENT] [SUPPLEMENTS]

[Prevent specific water problems with [Brand Name] supplements. The perfect complement to your pool care regimen, [Brand Name] offers a variety of cleaners, clarifiers and stain removers.]

[

HOW TO CALCULATE POOL CAPACITY IN U.S. GALLONS	
POOL SHAPE	FORMULA (Dimensions in feet)
Rectangular:	$L \times W \times AD \times 7.5 = \text{total gallons}$
Round:	$Di \times Di \times AD \times 5.9 = \text{total gallons}$
Oval:	$\text{Maximum L} \times \text{maximum W} \times AD \times 5.9 = \text{total gallons}$
Freeform:	$\text{Surface area (sq. feet)} \times AD \times 7.5 = \text{total gallons}$

L = Length, W = Width, AD = Average Depth, Di = Diameter]

{or}

[To calculate your pool's capacity, visit [hthpools.com/XXXX](http://hthpools.com/XXXX).]



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[ ] {or} [ ]

[Made in the USA]

[Made in the USA of US and imported content.]



[For product questions/support [from [brand] pool [and spa] care experts:]

[Call: [brand number] [866-HTH-Pool]]

[Chat online: [brand website] [hthpools.com]]

[We're available 7 days a week from 8 AM to 10 PM EST.]

[Visit: [brand website] [hthpools.com]]



[ ] {or} [ ] {or} [ ]

[Get social with us at:] [Connect and Swim with us on Social [Media]:]

[www.youtube.com/brand]

[www.facebook.com/brand]

[www.instagram.com/brand]

[www.pinterest.com/brand]

[www.google.com/+brand]

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{OR}

[use social icons]

[[Brand name] and the [brand] logo are trademarks of Lonza or its affiliates.]

[[HTH®][brand] and the [HTH®][brand] logo are registered trademarks of Arch Chemicals, Inc.]